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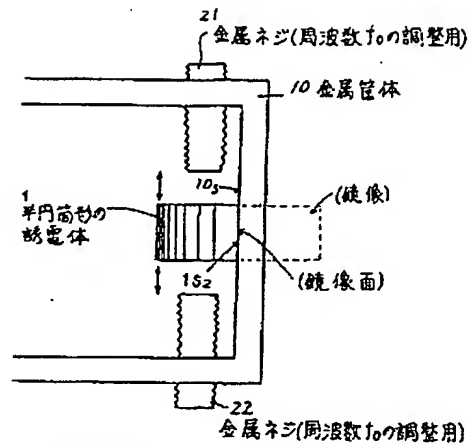
APPLICATION DATE : 18-11-88
APPLICATION NUMBER : 63292599

APPLICANT : FUJITSU LTD;

INVENTOR : SUZUKI HIROSHI;

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TITLE : FREQUENCY ADJUSTMENT SYSTEM
FOR DIELECTRIC RESONANCE
CIRCUIT



(断面図)

ABSTRACT : PURPOSE: To vary the resonance frequency by fixing a semicylindrical dielectric to a conductor face at the inside of a metallic case and approaching or parting a metallic screw vertically.

CONSTITUTION: A metallic case 10 is fitted to a conductor face 10_s at the inside of the semi-cylindrical dielectric 1, acts like a mirror image face of the dielectric 1 and is resonated equivalently in the TE_{01δ} mode. The semi-cylindrical dielectric 1 is resonated in the TE_{01δ} mode by using the conductor face 10_s as the mirror image face. Since the dielectric 1 is approached vertically by the stroke of metallic screws 21, 22, the resonance frequency f_0 of the dielectric resonator is varied largely with a slight approach or parting.

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